

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
 Data File : BF099170.D
 Acq On : 7 Oct 2017 1:51
 Operator : SJ/JU
 Sample : I5542-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: Oct 07 04:01:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131473	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	524371	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233100	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	348510	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195960	20.00	ng	-0.01
86) Perylene-d12	15.49	264	223421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	553223	66.99	ng	0.00
7) Phenol-d6	6.49	99	435434	42.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	713057	87.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	219029	114.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1230312	88.11	ng	0.00
78) Terphenyl-d14	12.97	244	726240	84.28	ng	0.00

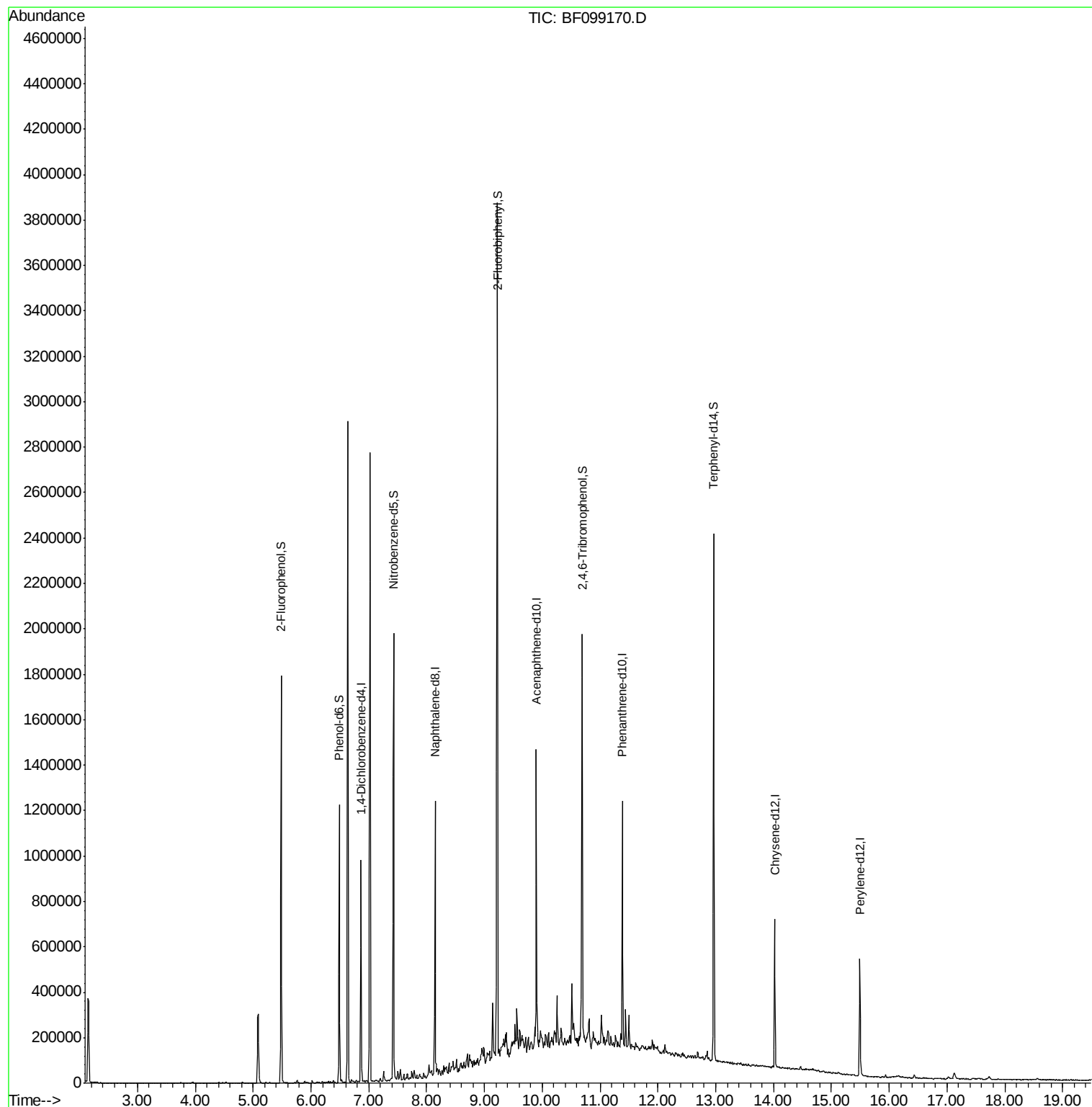
Target Compounds	Qvalue
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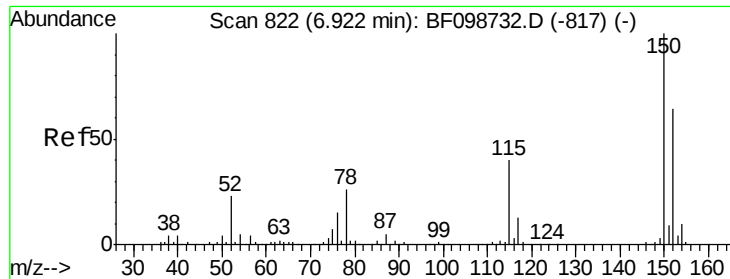
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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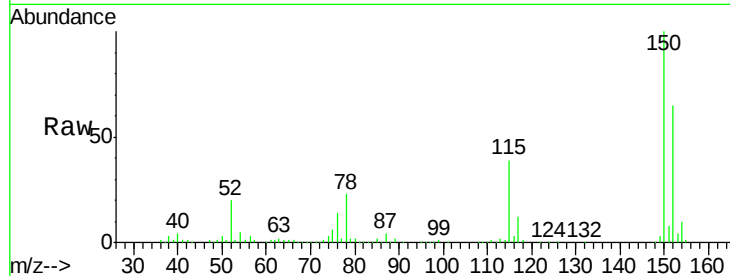


#1

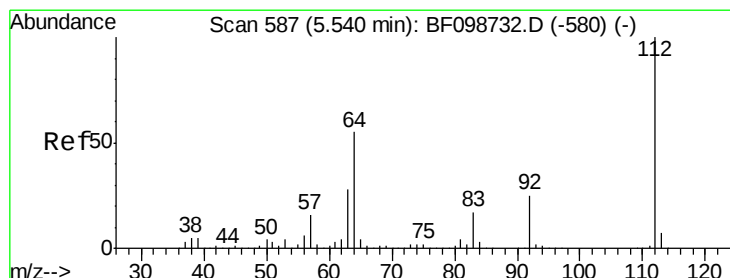
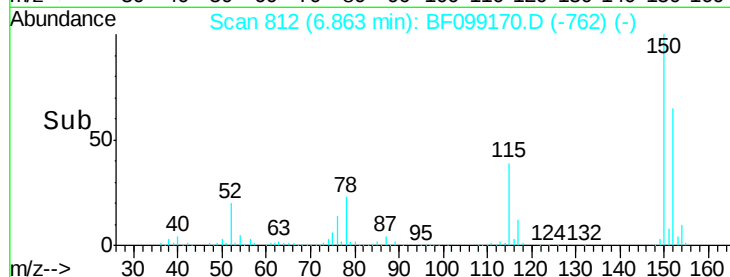
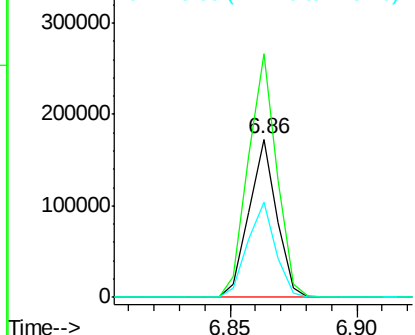
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:152 Resp: 131473
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.9 50.1 75.1



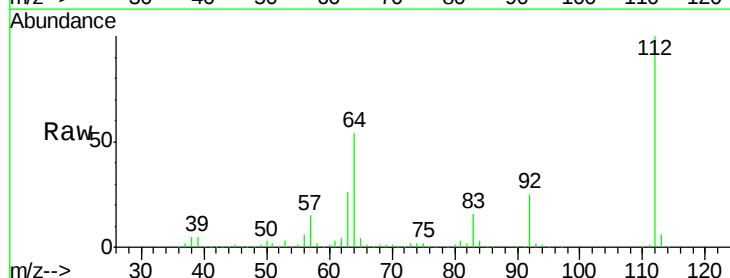
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



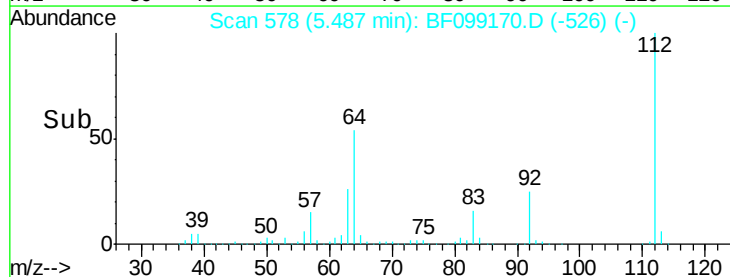
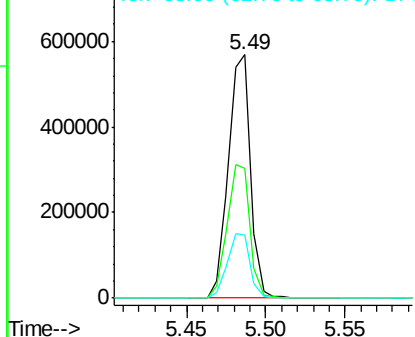
#5

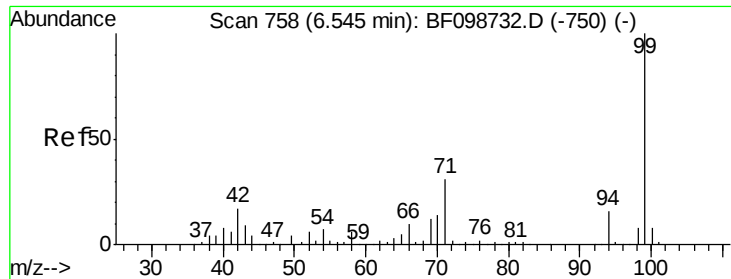
2-Fluorophenol
Concen: 66.99 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099170.D
Acq: 7 Oct 2017 1:51

Tgt Ion:112 Resp: 553223
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 25.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.74 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

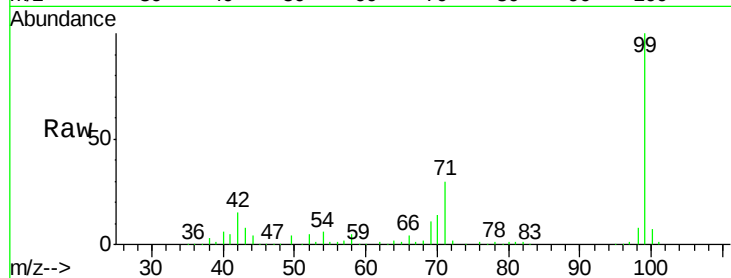
Tgt Ion: 99 Resp: 435434

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

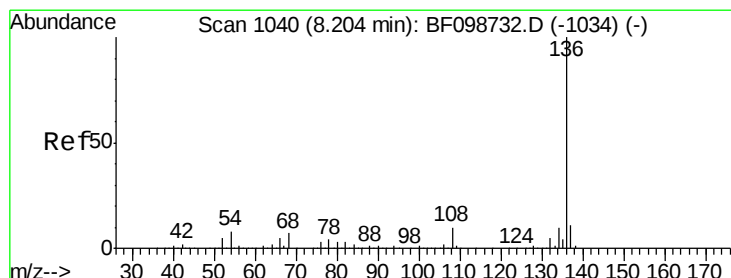
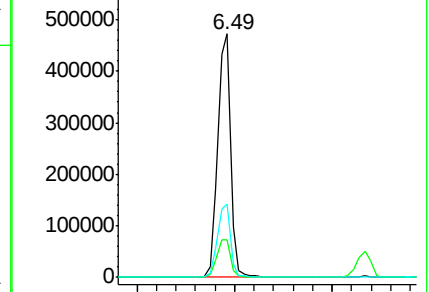
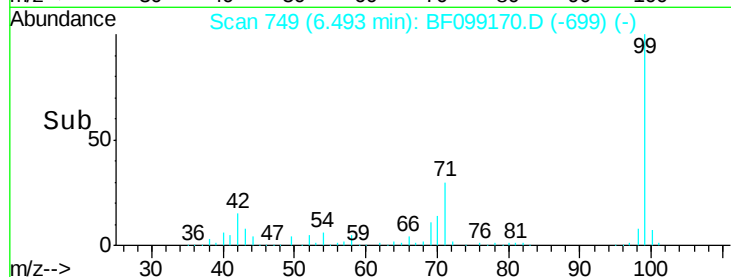
71 30.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

Tgt Ion: 136 Resp: 524371

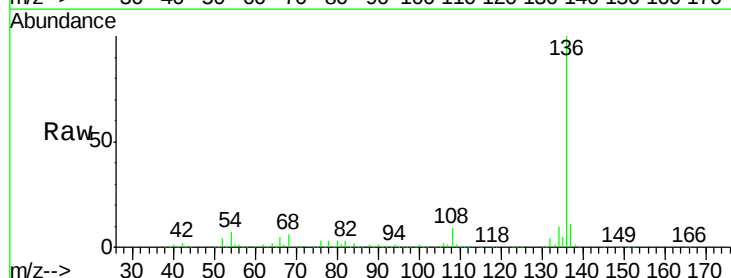
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

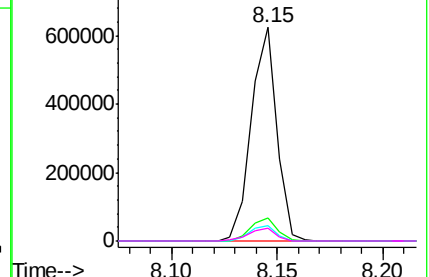
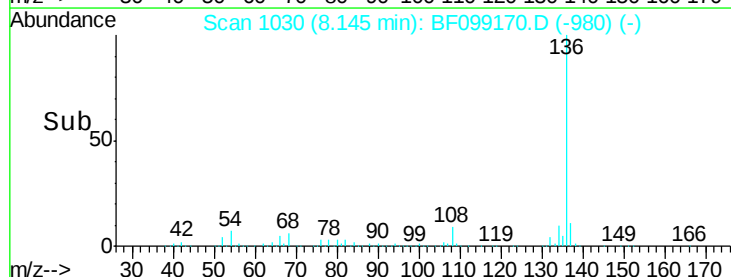


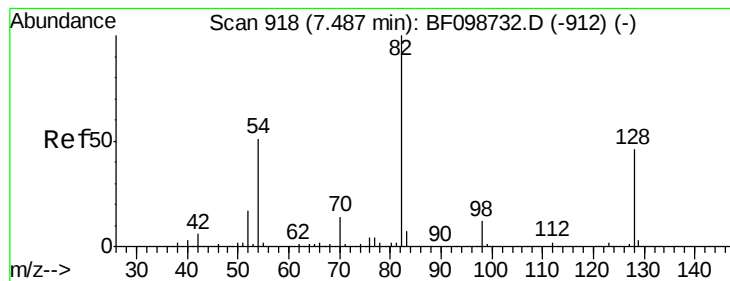
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 87.21 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

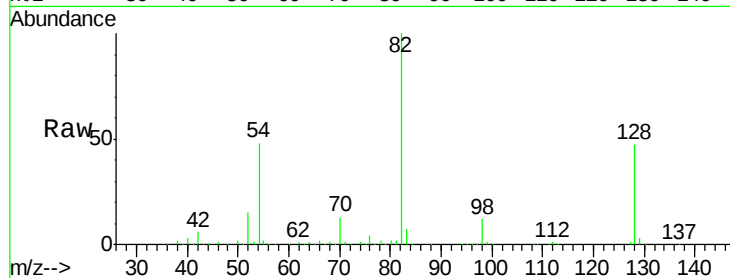
Tgt Ion: 82 Resp: 713057

Ion Ratio Lower Upper

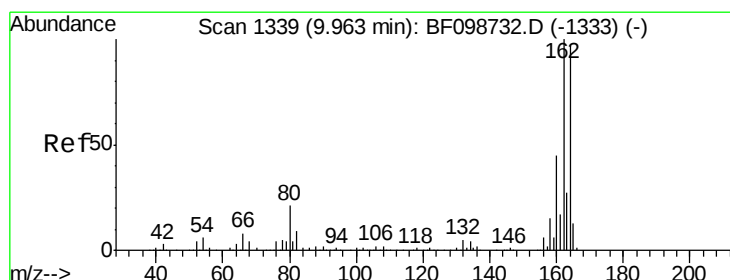
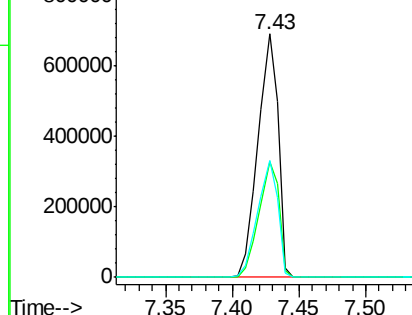
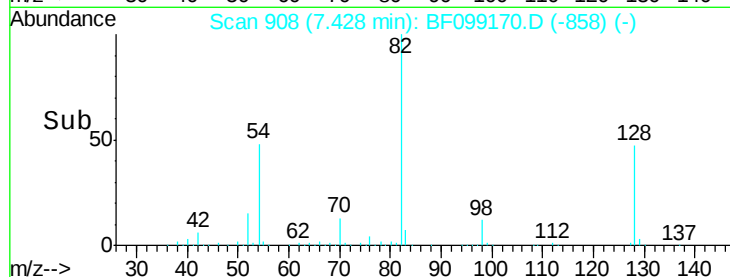
82 100

128 47.3 36.1 54.1

54 47.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

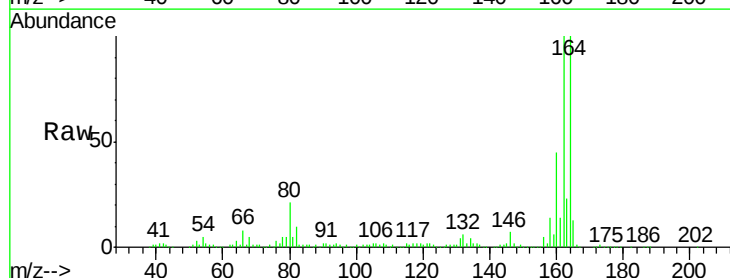
Tgt Ion: 164 Resp: 233100

Ion Ratio Lower Upper

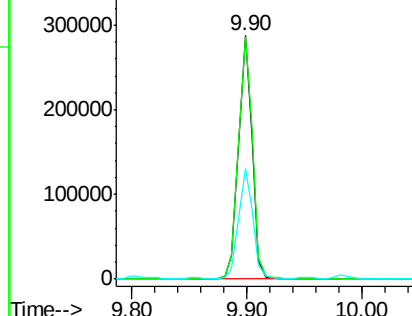
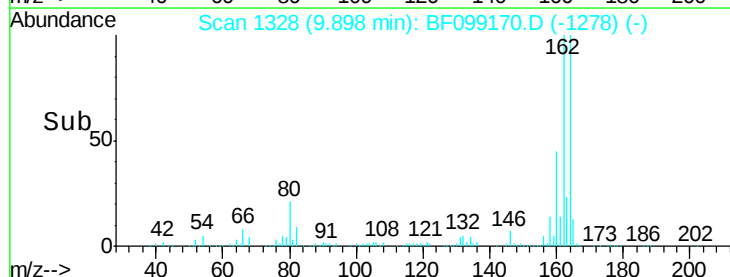
164 100

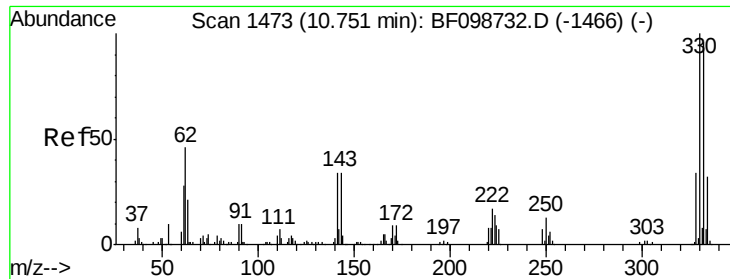
162 99.8 86.1 129.1

160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

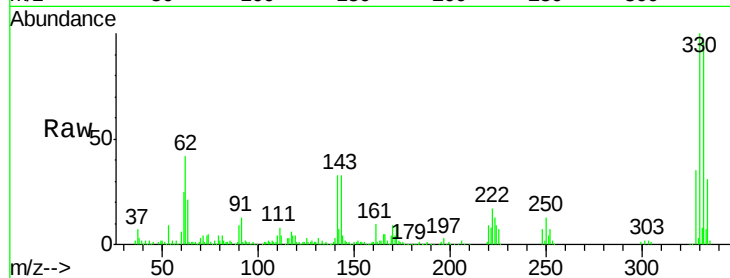




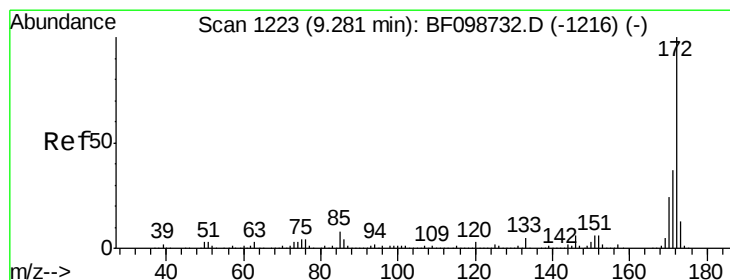
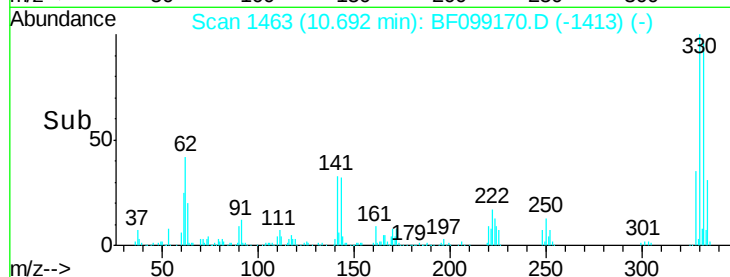
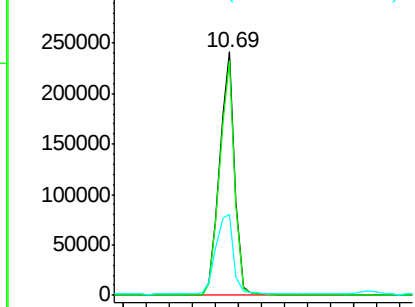
#41
 2,4,6-Tribromophenol
 Concen: 114.83 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tgt Ion: 330 Resp: 219029
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.6 29.9 44.9

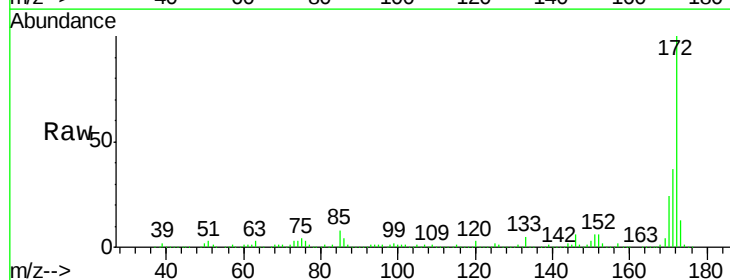


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

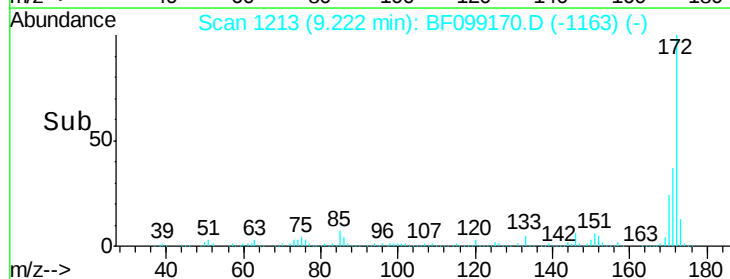
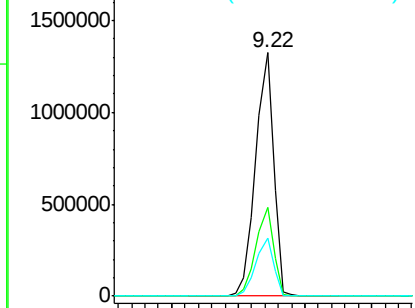


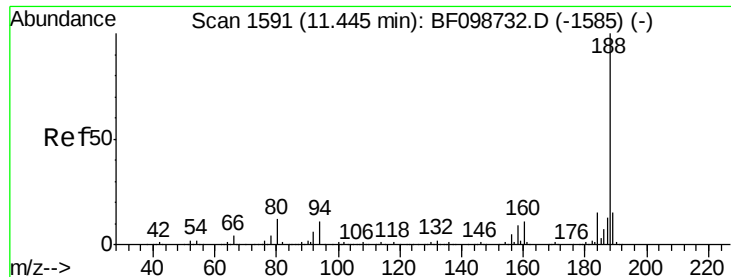
#44
 2-Fluorobiphenyl
 Concen: 88.11 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Tgt Ion: 172 Resp: 1230312
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

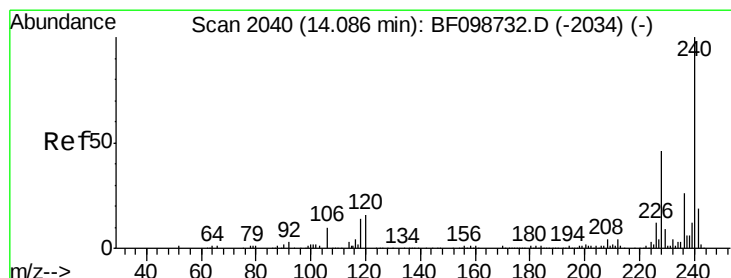
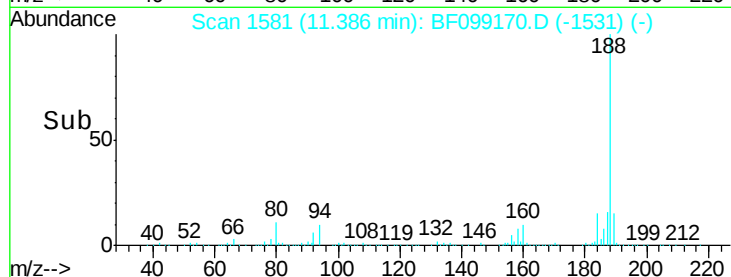
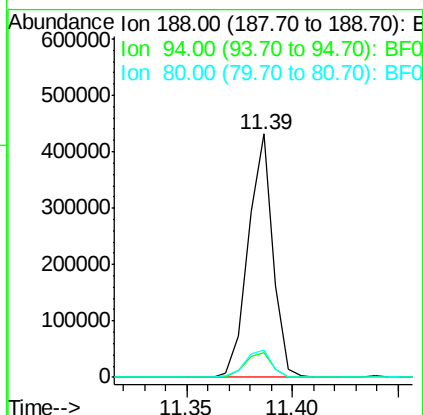
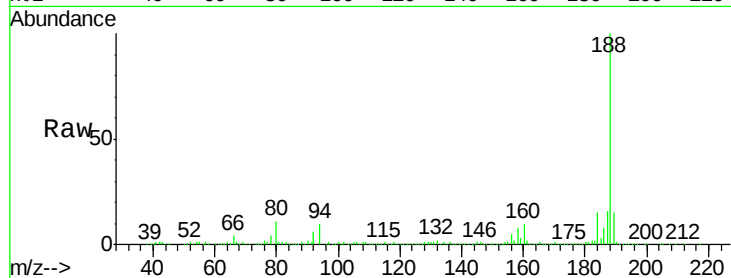




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

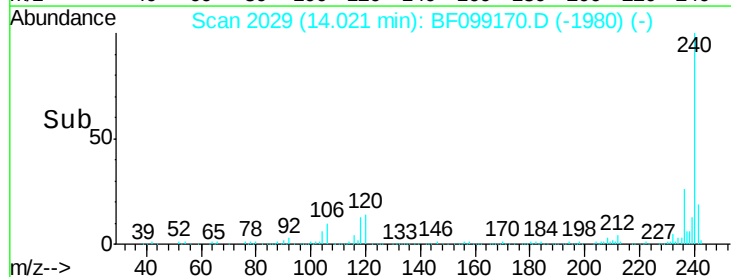
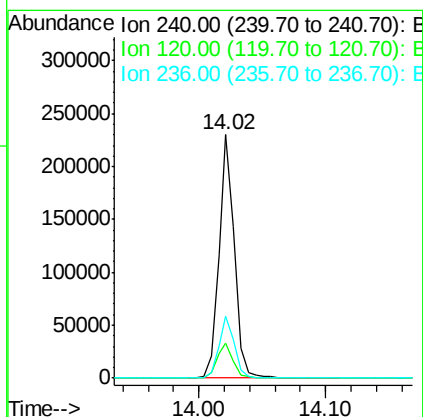
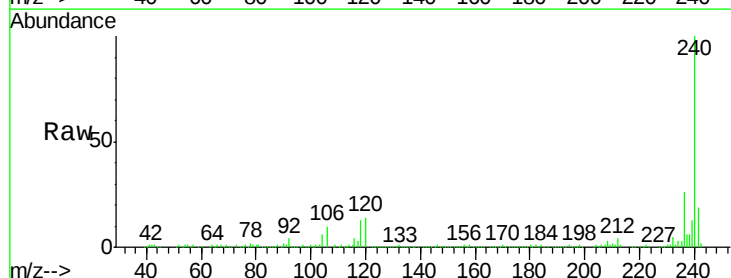
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

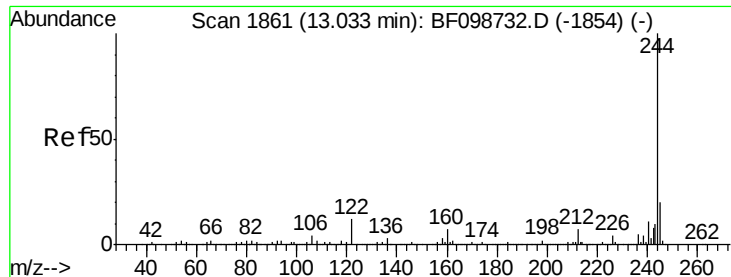
Tgt Ion:188 Resp: 348510
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.1 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099170.D
 Acq: 7 Oct 2017 1:51

Tgt Ion:240 Resp: 195960
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 84.28 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

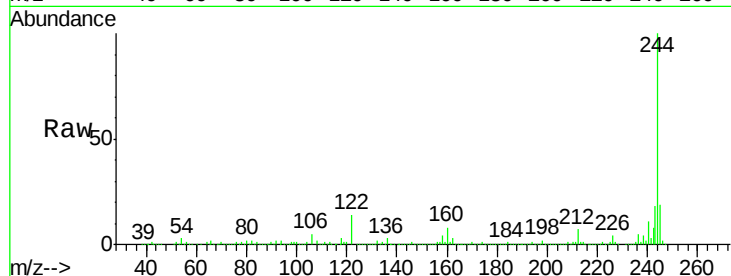
Tgt Ion:244 Resp: 726240

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

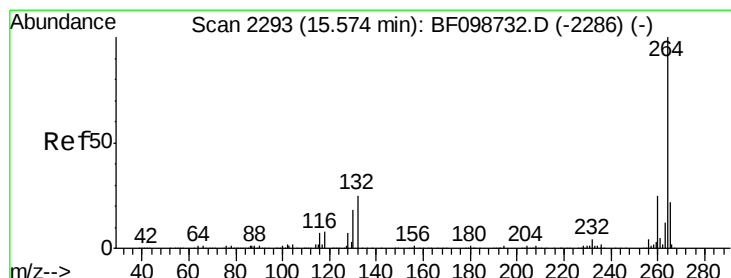
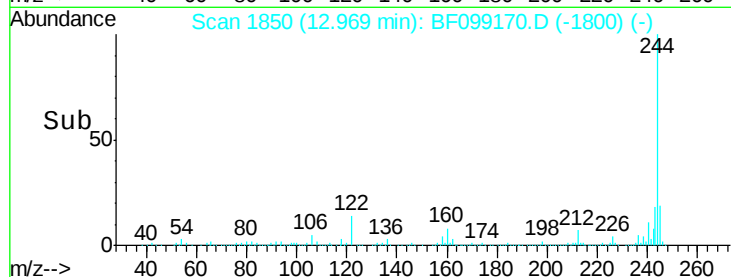
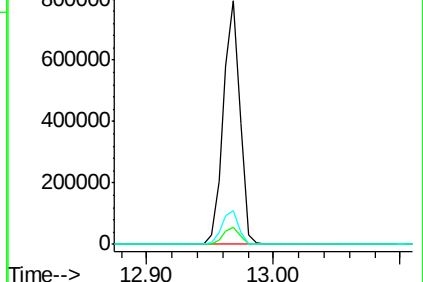
122 14.0 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF099170.D

Acq: 7 Oct 2017 1:51

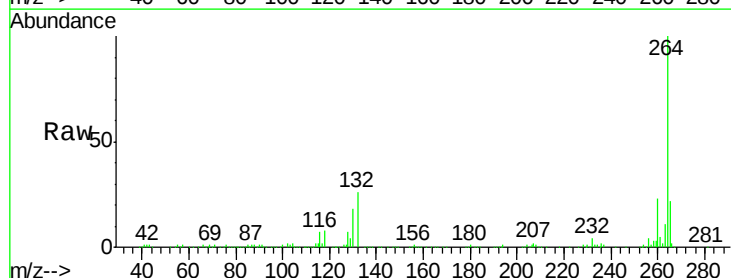
Tgt Ion:264 Resp: 223421

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

